

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2019 Levee Inspection Results

Reclamation District No. 0536 Egbert

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Right	5.58
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/11/2019 - 4/11/2019			
DWR Inspector	David Julian			
Accompanied By	David Hearn Reclamation District 536			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_38				
Comment Code					
Inspector Comment					
The District does not have a staff only land owners.					

No Photos

LM Start		Rating **	A	Issue No.	39
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_39				
Comment Code					
Inspector Comment					
District has copy of O+M manual as of 10/7/2017.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0536_01_s _ 2012_40				
Comment Code					
Inspector Comment					
District has stock of sandbags and tarps but other materials such as shovels are with landowners. No supply of sand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	57
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID	22712				
Comment Code					
Inspector Comment					
FS_ID:53359 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR) FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet]. FS Date: 10/2/2018 1:53:00 PM					

Photo 1 of 3 : UCIP_SP_2019_53359_34457.jpg



WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	57 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °	
				-121.768960 °	-121.768960 °	
DWR ID	22712					
Comment Code						
Inspector Comment						
FS_ID:53359 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR) FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet]. FS Date: 10/2/2018 1:53:00 PM						

Photo 2 of 3 : UCIP_SP_2019_53359_34456.jpg



LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	57 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244963 °	38.244963 °	
				-121.768960 °	-121.768960 °	
DWR ID	22712					
Comment Code						
Inspector Comment						
FS_ID:53359 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/2/2018 Holes present in pipe pose internal levee threat; keeping as Urgent (D. Sanoski - DWR UCIP).06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.- Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR) FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 ""A""), invert elevation 14.4 feet]. FS Date: 10/2/2018 1:53:00 PM						

Photo 3 of 3 : UCIP_SP_2019_53359_34455.jpg



LS view: holes & cracks on CM pipe due to heavy corrosion. Needs detailed investigation of the pipe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	58
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID	22726				

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 "'A'"), invert elevation 14.4 feet].
FS Date: 10/2/2018 2:10:00 PM

Photo 1 of 3 : UCIP_SP_2019_53360_34771.jpg



WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	58 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °	
				-121.768921 °	-121.768921 °	
DWR ID	22726					

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
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FS Date: 10/2/2018 2:10:00 PM

Photo 2 of 3 : UCIP_SP_2019_53360_34770.jpg



WS view: cracked and tilted concrete headwall.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.00	Rating **	U	Issue No.	58 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.244959 °	38.244959 °	
				-121.768921 °	-121.768921 °	
DWR ID	22726					

Comment Code

Inspector Comment

FS_ID:53360
DS_ID:22726
EP_NO: 10114
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/2/2018 Vegetation blocked WS view of pipe, though a hole directly above WS inlet pipe could be a sinkhole. Keeping as Urgent and recommend internal inspection due to holes in 60-inch pipe (D. Sanoski - DWR UCIP).06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severely corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintenance Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS). Headwall on each end. Culverts run under the road to provide drainage from agricultural fields via a landside (LS) ditch to Lindsey Slough. No. 100 gate in the LS drainage ditch. Reclamation District No. 536 (RD0536) president is David Hearn at hearnd5@gmail.com. (Retention of one 60-inch and one 36-inch drainage pipes through the levee, 10 feet and 6.5 feet below the crown, respectively, and flap gates on the WS ends authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992, referenced as 6.5 feet below the crown. USACE Sacramento O&M Manual 106, May 1953, (Station 294+49 "'A'"), invert elevation 14.4 feet].
FS Date: 10/2/2018 2:10:00 PM

Photo 3 of 3 : UCIP_SP_2019_53360_34769.jpg



LS view: concrete headwall, 36" CMP (right) and 60" CMP (left)

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245607 °	38.245607 °
				-121.763993 °	-121.763993 °
DWR ID	DWR_RD0536_01_s_2017_21				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Crown rutting has been reduced by regrading and addition of base rock in RD536, but large depression exists. Should be repaired.					

Photo 1 of 2 : SP_2019_RD0536_208_21_20190311_00010.jpg



Depression in the road. It has been graded but some depressions still exist (September 2018).

LM Start	0.28	Rating **	M	Issue No.	21 (cont)
LM End	0.28	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP_2019_RD0536_208_21_20190311_00011.jpg



Crown should be graded and surfaced with base rock.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.31	Rating **	A/W	Issue No.	59
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID	22713				
Comment Code					
Inspector Comment					
FS_ID:49313 DS_ID:22713 EP_NO: 10114 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debris and dirt. Needs cleaning of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 ""A""), invert elevation 15.8 feet]. FS Date: 6/1/2016					

LM Start	0.31	Rating **	A/W	Issue No.	59 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2019_49313_34774.jpg



WS view: overview of exposed CM pipe on levee slope.

Photo 2 of 3 : UCIP_SP_2019_49313_34773.jpg



WS view: CM pipe blocked by concrete debris on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	0.31	Rating **	A/W	Issue No.	59 (cont)	
LM End	0.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.245605 °	38.245605 °	
				-121.763441 °	-121.763441 °	
DWR ID	22713					
Comment Code						
Inspector Comment						
FS_ID:49313 DS_ID:22713 EP_NO: 10114 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debris and dirt.Needs cleaning of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Headwall on each end, not found in 2013 or 2016. No. 100 gate on the WS. Concrete debris on the WS slope. This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch pipe, visible through the landside (LS) end. According to David Hearn, Reclamation District No. 536 (RD0536) president, the PVC pipe does not connect all the way through. Present landowner, as of 2016, is Solano Land Trust, and the pipe runs through the Jepson Prairie Reserve, managed by the University of California, Davis, (UC Davis). (Retention of a 24-inch drainage pipe through the levee, 10.5 feet below the crown, and a flap gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - H. E. Peterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 274+00 ""A""), invert elevation 15.8 feet]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2019_49313_34772.jpg



LS view: open CM pipe end on levee slope.

LM Start	0.60	Rating **	A/W	Issue No.	30
LM End	0.60	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.248739 °	38.248739 °
				-121.760699 °	-121.760699 °
DWR ID	DWR_RD0536_01_s_2019_30				
Comment Code					
MA : Material					
Inspector Comment					
Dirt deposited on waterside slope may indicate a potential instability on the slope. Investigate further during Fall 2019 inspection.					

Photo 1 of 1 : SP_2019_RD0536_208_30_20190412_00054.jpg



View looking downslope of exposed slope instability on the waterside slope (Spring 2019).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0536 Egbert

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	1.10	Rating **	A/W	Issue No.	60	
LM End	1.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.255412 °	38.255412 °	
				-121.757605 °	-121.757605 °	
DWR ID	22715					
Comment Code						
Inspector Comment						
FS_ID:20444						
DS_ID:22715						
EP_NO: 10115						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments: Pipe was submerged into water and not visible.Steel bar fence on both sides of the levee.						
FIELD_STRUCT_DESC: 42-inch corrugated metal gravity drainage pipe through the levee, 22.5 feet below the crown. Concrete headwall on each end. Screw gate on the waterside (WS) end. (Retention of a 42-inch drainage pipe through the levee, 22.5 feet below the crown, and a slide gate on the WS end authorized under Automatic Board Order (ABO) issued as Permit No. 10115, 1974 - Petersen Estate Company, care of R. Moss). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 238+36 ""A""), invert elevation 1.5 feet].						
FS Date: 8/13/2013						

LM Start	1.10	Rating **	A/W	Issue No.	60 (cont)
LM End	1.10	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2019_20444_34493.jpg



WS view: slide gate, concrete headwall in the channel. Pipe submerged into water.

Photo 2 of 2 : UCIP_SP_2019_20444_34492.jpg



LS view: concrete headwall in the channel/irrigation ditch. Pipe submerged into water.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	1.14	Rating **	M	Issue No.	47
LM End	1.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.256050 °	38.258637 °
				-121.757582 °	-121.753397 °
DWR ID	DWR_RD0536_01_f_2014_47				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Add appropriate gravel to the crown roadway.					

Photo 1 of 1 : SP_2019_RD0536_208_47_20190311_00019.jpg



View looking downstream of the crown. Gravel should be added to the roadway (September 2018).

LM Start	1.45	Rating **	M	Issue No.	17
LM End	1.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.259087 °	38.259087 °
				-121.755133 °	-121.755133 °
DWR ID	DWR_RD0536_01_f_2018_17				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Depressions in levee due to cows should be repaired to prevent deeper depressions into levee.					

Photo 1 of 2 : SP_2019_RD0536_208_17_20190311_00005.jpg



View looking upstream at divots in the slope created by cows. Divots are deep enough that they should be corrected (September 2018).

LM Start	1.45	Rating **	M	Issue No.	17 (cont)
LM End	1.45	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_RD0536_208_17_20190311_00006.jpg



Looking down slope at one of the cow divots (September 2018).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	1.60	Rating **	M	Issue No.	22
LM End	1.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258845 °	38.259958 °
				-121.752675 °	-121.748765 °
DWR ID	DWR_RD0536_01_f_2018_22				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Add appropriate gravel to the crown roadway.					

Photo 1 of 1 : SP_2019_RD0536_208_22_20190311_00012.jpg



View looking upstream at the crown. Surface cracks should be fixed and gravel added to roadway (September 2018).

LM Start	2.69	Rating **	A/W	Issue No.	56
LM End	2.71	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255197 °	38.254973 °
				-121.737932 °	-121.737577 °
DWR ID	DWR_RD0536_01_f_2014_56				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Possible subsidence in this area has been repaired. Grade was restored and base rock was added to crown. Area looks good on 3/29/18. Should continue to monitor this site for possible future subsidence.					
9/26/2018: Very minor subsidence present. Should be monitored.					

Photo 1 of 2 : SP_2019_RD0536_208_56_20190311_00020.jpg



View looking upstream at minor subsidence. (September 2018).

LM Start	2.69	Rating **	A/W	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP_2019_RD0536_208_56_20190311_00021.jpg



3/29/2018: view of crown rutting and possible subsidence that has been repaired.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	2.95	Rating **	C	Issue No.	18
LM End	2.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.256047 °	38.256047 °
				-121.733728 °	-121.733728 °
DWR ID	DWR_RD0536_01_f_2017_18				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
No cracks visible. Area should continue to be monitored for future cracking.					

No Photos

LM Start	2.99	Rating **	C	Issue No.	19
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.255581 °	38.255562 °
				-121.733117 °	-121.733085 °
DWR ID	DWR_RD0536_01_f_2017_19				
Comment Code					
CR2 : Schedule repair of subsidence prior to the next inspection.					
Inspector Comment					
No cracks visible. Area should continue to be monitored for future cracking.					

No Photos

LM Start	3.12	Rating **	M	Issue No.	24
LM End	3.12	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255575 °	38.255575 °
				-121.730895 °	-121.730895 °
DWR ID	DWR_RD0536_01_f_2016_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the walnut tree from the waterside slope that is overhanging the crown roadway.					

Photo 1 of 1 : SP_2019_RD0536_208_24_20190311_00014.jpg



View looking downstream at walnut trees on the water side crown (September 2018).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	3.43	Rating **	C	Issue No.	20
LM End	3.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.255815 °	38.255815 °
				-121.726158 °	-121.726158 °
DWR ID	DWR_RD0536_01_f_2017_20				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
This area had cracks in Fall 2017. It has been graded and received base rock. It should continue to be monitored for future cracking.					

No Photos

LM Start	3.53	Rating **	M	Issue No.	34
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.254505 °	38.254505 °
				-121.725909 °	-121.725909 °
DWR ID	DWR_RD0536_01_s_2019_34				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Cut blackberries back to 20' from waterside shoulder.					

Photo 1 of 1 : SP_2019_RD0536_208_34_20190412_00058.jpg



View looking downstream at blackberries on the waterside slope (Spring 2019).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	3.69	Rating **	M	Issue No.	61 (cont)	
LM End	3.69	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.252388 °	38.252388 °	
				-121.726437 °	-121.726437 °	
DWR ID	24023					
Comment Code						
Inspector Comment						
FS_ID:49314 DS_ID:24023 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 Could not see flapgate in water. Pipes still in use. No cover over pressure relief valve on WS slope.08/13/2013:- Field discovered pipe.- Needs more information from the LMA/ DWR Inspector. - Dense vegetation on WS.- Pump feeds both pipes. FIELD_STRUCT_DESC: 2 of 2: 18-inch steel drainage discharge pipe through the levee, approximately 4 feet below the crown. Pump, called the Buddha Pump, in a pump house on the landside (LS) at the drainage ditch. Pressure breaker on the waterside (WS) slope. Pump and pipes are used by Reclamation District No. 536 (RD0536), per district president David Hearn, but could not identify permit information. Landowner is Dan Hearn per Solano County Assessor's Office (Parcel No. 0042-180-220). FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2019_49314_34787.jpg



WS view: exposed 18" steel pipe (left) and 16" steel pipe (right) on levee slope. Pump house on bank of drainage ditch.

LM Start	3.87	Rating **	M	Issue No.	36
LM End	3.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.250739 °	38.250739 °
				-121.724124 °	-121.724124 °
DWR ID	DWR_RD0536_01_s_2019_36				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0536 Egbert

WS view: closer view of slide gate in CMP riser on levee slope.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	3.92	Rating **	A/W	Issue No.	62 (cont)	
LM End	3.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.250781 °	38.250781 °	
				-121.723272 °	-121.723272 °	
DWR ID	22718					
Comment Code						
Inspector Comment						
FS_ID:20503 DS_ID:22718 EP_NO: 10116 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are submerged into water. FIELD_STRUCT_DESC: 54-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Screw gate in a pipe riser on the waterside (WS) slope. Saddle, apron, headwall, two corrugated metal cutoff walls, one No. 101 gate, and one No. 102 gate. (Retention of a 54-inch drainage pipe through the levee, 30 feet below the crown, and a slide gate on the WS slope authorized under Automatic Board Order (ABO) 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 87+70 ""R""), invert elevation -2 feet]. FS Date: 8/13/2013						

Photo 3 of 3 : UCIP_SP_2019_20503_34566.jpg



WS view: closer view of slide gate in CMP riser on levee slope. Air vent attached to the wall of CMP (left).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	3.95	Rating **	M	Issue No.	63
LM End	3.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.250693 °	38.250693 °
				-121.722759 °	-121.722759 °
DWR ID	22719				
Comment Code					
Inspector Comment					
FS_ID:49317 DS_ID:22719 EP_NO: 2131 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 New pump recently installed. Flapgate not visible though not required under condition of Permit No. 2131. No positive closure device found, which, if missing, is a violation of Condition 8 of Permit No. 2131. Need a name change permit for new owner RD0536. Siphon breaker missing cover.08/13/2013 Pump is missing at the time of inspection. May be taken out for repair.Flapp gate on waterward end not found/visible as pipe was submerged into water.Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch drainage discharge pipe of an unknown material through the levee, 1.5 feet below the crown. Pump, which was replaced recently, is on a steel platform in the drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) slope. Pipe is exposed on both slopes, but only found on the WS in 2016. Walkway over the pipe on the LS leads to the pump platform. Pipe and pump are now used by Reclamation District No. 536 [RD0536], per district president David Hearn. (Plans for construction of a 20-horsepower drainage pump installation and a 20-inch discharge pipe through the levee authorized under Permit No. 2131, 1955 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/1/2016					

LM Start	3.95	Rating **	M	Issue No.	63 (cont)
LM End	3.95	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2019_49317_34579.jpg



WS view: exposed steel pipe with siphon breaker on levee slope.

Photo 2 of 3 : UCIP_SP_2019_49317_34578.jpg



WS view: steel pipe submerged into water in the stream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	3.95	Rating **	M	Issue No.	63 (cont)	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.250693 °	38.250693 °	
				-121.722759 °	-121.722759 °	
DWR ID	22719					
Comment Code						
Inspector Comment						
FS_ID:49317 DS_ID:22719 EP_NO: 2131 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 New pump recently installed. Flapgate not visible though not required under condition of Permit No. 2131. No positive closure device found, which, if missing, is a violation of Condition 8 of Permit No. 2131. Need a name change permit for new owner RD0536. Siphon breaker missing cover.08/13/2013 Pump is missing at the time of inspection. May be taken out for repair.Flapp gate on waterward end not found/visible as pipe was submerged into water.Pipe itself is a walkway with steel handrail. FIELD_STRUCT_DESC: 20-inch drainage discharge pipe of an unknown material through the levee, 1.5 feet below the crown. Pump, which was replaced recently, is on a steel platform in the drainage ditch on the landside (LS) toe. Siphon breaker on the waterside (WS) slope. Pipe is exposed on both slopes, but only found on the WS in 2016. Walkway over the pipe on the LS leads to the pump platform. Pipe and pump are now used by Reclamation District No. 536 [RD0536], per district president David Hearn. (Plans for construction of a 20-horsepower drainage pump installation and a 20-inch discharge pipe through the levee authorized under Permit No. 2131, 1955 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/1/2016						

Photo 3 of 3 : UCIP_SP_2019_49317_34577.jpg



LS view: exposed steel pipe on levee slope and pump deck in drainage ditch.

LM Start	3.98	Rating **	M	Issue No.	41
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.250514 °	38.250514 °
				-121.722303 °	-121.722303 °
DWR ID	DWR_RD0536_01_s_2019_41				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove blackberries at least 20' from waterside shoulder.					

Photo 1 of 1 : SP_2019_RD0536_208_41_20190412_00060.jpg



View looking downstream at blackberries on the waterside slope (Spring 2019).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	4.21	Rating **	M	Issue No.	42
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.249374 °	38.249374 °
				-121.718622 °	-121.718622 °
DWR ID	DWR_RD0536_01_s_2019_42				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove blackberries at least 20' from waterside shoulder.					

Photo 1 of 1 : SP_2019_RD0536_208_42_20190412_00061.jpg



View looking downslope at blackberries on the waterside slope (Spring 2019).

LM Start	4.64	Rating **	M	Issue No.	37
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.248151 °	38.245234 °
				-121.711975 °	-121.704770 °
DWR ID	DWR_RD0536_01_s_2019_37				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth from the bottom of landside slope.					

Photo 1 of 1 : SP_2019_RD0536_208_37_20190418_00064.jpg



View looking downstream at wild growth on the bottom of the landside slope (Spring 2019).

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	4.70	Rating **	M	Issue No.	23
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.247322 °	38.247322 °
				-121.711663 °	-121.711663 °
DWR ID	DWR_RD0536_01_f_2018_23				
Comment Code					
EQ : Equipment					
Inspector Comment					
Ag equipment should be removed from the landside slope.					

Photo 1 of 1 : SP_2019_RD0536_208_23_20190311_00013.jpg



View looking down slope of farm equipment on the landside slope (September 2018).

LM Start	4.80	Rating **	M	Issue No.	44
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246102 °	38.245234 °
				-121.710749 °	-121.704771 °
DWR ID	DWR_RD0536_01_s_2019_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.80	Rating **	M	Issue No.	43
LM End	5.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246101 °	38.245234 °
				-121.710749 °	-121.704771 °
DWR ID	DWR_RD0536_01_s_2019_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_208_43_20190412_00062.jpg



View looking downslope at vegetation at the bottom of the landside (Spring 2019).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	4.83	Rating **	M	Issue No.	35
LM End	5.18	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.245813 °	38.245236 °
				-121.710307 °	-121.704769 °
DWR ID	DWR_RD0536_01_s_2017_35				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Road has been regraded. Some minor ruts still exist.					

No Photos

LM Start	4.92	Rating **	U	Issue No.	25
LM End	4.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245410 °	38.245410 °
				-121.708895 °	-121.708895 °
DWR ID	DWR_RD0536_01_f_2018_25				
Comment Code					
FE : Fence					
Inspector Comment					
A fence is located on the slope and there is debris at the toe. The fence does not have a permit.					

Photo 1 of 2 : SP_2019_RD0536_208_25_20190311_00015.jpg



View of fence on the landside slope (September 2018).

LM Start	4.92	Rating **	U	Issue No.	25 (cont)
LM End	4.92	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2019_RD0536_208_25_20190311_00016.jpg



Cactus, fence, and wood piles at the landside toe (September 2018).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	4.92	Rating **	M	Issue No.	26
LM End	4.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.245410 °	38.245410 °
				-121.708895 °	-121.708895 °
DWR ID	DWR_RD0536_01_f_2018_26				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Saw a squirrel and a deep squirrel hole. Address before squirrels can establish in the area.					

Photo 1 of 1 : SP_2019_RD0536_208_26_20190311_00017.jpg



View of squirrel hole on the landside slope (September 2018).

LM Start	4.94	Rating **	M	Issue No.	16
LM End	4.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.245581 °	38.245667 °
				-121.708605 °	-121.708327 °
DWR ID	DWR_RD0536_01_f_2018_16				
Comment Code					
Inspector Comment					
2017 Site ID: LDS 0.8 R					
Status: Eroding					
2017 Field Notes: additional erosion at toe.					
Site History: 2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion.					

Photo 1 of 1 : SP_2019_RD0536_208_16_20190311_00004.jpg



Deeper erosion at the toe with roots exposed (September 2018).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	4.96	Rating **	M	Issue No.	64
LM End	4.96	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID	22720				
Comment Code					
Inspector Comment					
FS_ID:49318 DS_ID:22720 EP_NO: 10116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 Pipe is an abandoned crossing per conversation with district president David Hearn.Pipe seems to be abandoned.Catwalk and pumphouse on riverside not found. It is not clear whether the pipe pass through the levee or not. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3-inch galvanized irrigation discharge pipe through the levee, 4 feet below the crown. Catwalk and pump house on the waterside (WS). Concrete saddle and water tank on the WS slope. (Retention of a 3.5-inch pipe through the levee, 4 feet below the crown, concrete saddle, and water tank on the WS slope authorized under Automatic Board Order (ABO) issued as Permit No. 10116, 1974 - Marion Sanchez Farms). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953, (Station 33+16 ""R""), invert elevation 19 feet]. FS Date: 8/13/2013					

LM Start	4.96	Rating **	M	Issue No.	64 (cont)
LM End	4.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2019_49318_34605.jpg



WS view: pump, pipe, gate valve, and wooden piling structure in the stream.

Photo 2 of 3 : UCIP_SP_2019_49318_34604.jpg



WS view: exposed pipes on levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.10	Rating **	M	Issue No.	65
LM End	5.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID	24664				
Comment Code					
Inspector Comment					
FS_ID:49319 DS_ID:24664 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/01/2016 According to district president David Hearn, landowner is Silva and crossing is abandoned.08/13/2013:Field discovered pipe crossing.Needs more information from LMA/DWR Inspector. Also needs more detailed inspection. FIELD_STRUCT_DESC: *ABANDONED* Approximately 6-inch steel irrigation discharge pipe and an electrical conduit through the levee, at an unknown depth. Slant pump in a steel support on the channel bank. Gate valve on the pipe. No pipes and appurtenances on the landside (LS). This crossing was field discovered. FS Date: 8/13/2013					

LM Start	5.10	Rating **	M	Issue No.	65 (cont)
LM End	5.10	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2019_49319_35124.jpg



WS view: pipe and pump on channel bank.

Photo 2 of 2 : UCIP_SP_2019_49319_35123.jpg



WS view: closer view of pipe and pump on channel bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.10	Rating **	M	Issue No.	66	
LM End	5.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245783 °		38.245783 °
				-121.705999 °		-121.705999 °
DWR ID	22721					
Comment Code						
Inspector Comment						
FS_ID:20543 DS_ID:22721 EP_NO: 3873 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe seems to be abandoned.Needs proper abandonment. FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 2 feet below the crown. Pump on a concrete base on the waterside (WS) slope. Gate valve on the WS slope. (Plans for installation of a 6-inch pipe through the levee authorized under Permit No. 3873, 1962 - California Packing Corporation). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013						

LM Start	5.10	Rating **	M	Issue No.	66 (cont)
LM End	5.10	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2019_20543_34623.jpg



WS view: abandoned pipe, pump, conduit, and gate valve on levee slope.

Photo 2 of 2 : UCIP_SP_2019_20543_34622.jpg



WS view: closer view of abandoned pipe, pump, and gate valve on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.12	Rating **	M	Issue No.	67
LM End	5.12	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245588 °	38.245588 °
				-121.705723 °	-121.705723 °
DWR ID	24024				
Comment Code					
Inspector Comment					
FS_ID:20544					
DS_ID:24024					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - field discovered pipe.- seems abandoned pipe.					
Needs proper abandonment.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch galvanized iron					
drainage pipe on top of a concrete pad and through the levee, at an					
unknown depth. Details not available. This crossing was field					
discovered.					
FS Date: 8/13/2013					

Photo 1 of 2 : UCIP_SP_2019_20544_34625.jpg



WS view: overview of levee slope, concrete pad, and pipe.

LM Start	5.12	Rating **	M	Issue No.	67 (cont)
LM End	5.12	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_20544_34624.jpg



WS view: abandoned steel pipe on concrete pad.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.32	Rating **	M	Issue No.	33
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245684 °	38.245605 °
				-121.702299 °	-121.697729 °
DWR ID	DWR_RD0536_01_s_2018_33				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.34	Rating **	U	Issue No.	11
LM End	5.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245644 °	38.245644 °
				-121.701945 °	-121.701945 °
DWR ID	DWR_RD0536_01_s_2013_11				
Comment Code					
FE : Fence					
Inspector Comment					
The District said that the property owner had this gate and barricade installed by the County.					

Photo 1 of 2 : SP_2019_RD0536_208_11_20190311_00001.jpg



RD 536 Unit 1 levee mile 5.34 waterside shoulder.

LM Start	5.34	Rating **	U	Issue No.	11 (cont)
LM End	5.34	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2019_RD0536_208_11_20190311_00002.jpg



This gate rest and gate on the landside of the levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.34	Rating **	M	Issue No.	28
LM End	5.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245700 °	38.245700 °
				-121.701803 °	-121.701803 °
DWR ID	DWR_RD0536_01_s_2019_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove tree limbs from landside shoulder.					

Photo 1 of 1 : SP_2019_RD0536_208_28_20190412_00063.jpg



View of tree limbs on the landside shoulder (Spring 2019).

LM Start	5.47	Rating **	U	Issue No.	27
LM End	5.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245552 °	38.245602 °
				-121.699588 °	-121.697552 °
DWR ID	DWR_RD0536_01_f_2018_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Willows and black berry bushes up to the crown needs to be controlled.					

Photo 1 of 1 : SP_2019_RD0536_208_27_20190311_00018.jpg



View of vegetation on the waterside up to the crown that is blocking visibility (September 2018).

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2019 04/11/2019	David Julian

LM Start	5.49	Rating **	M	Issue No.	68 (cont)	
LM End	5.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245512 °		38.245512 °
				-121.699119 °		-121.699119 °
DWR ID	22722					
Comment Code						
Inspector Comment						
FS_ID:20563 DS_ID:22722 EP_NO: 7208 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breaker needs cover/protection.- service pole on landside of the levee. FIELD_STRUCT_DESC: 30-inch steel drainage discharge pipe through the levee, 5.7 feet below the crown. Pump in a piling structure in a drainage ditch on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (Plans to install a drainage pumping plant and 35 feet of 30-inch pipe through the levee authorized under Permit No. 7208, 1970 - Reclamation District No. 536 [RD0536]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013						

Photo 3 of 3 : UCIP_SP_2019_20563_34644.jpg



LS view: pipe under the wooden walkway and pump on wooden platform in drain ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	5.01
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/11/2019 - 4/11/2019			
DWR Inspector	David Julian			
Accompanied By	David Hearn Reclamation District 536			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	0.09	Rating **	U	Issue No.	5
LM End	0.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244240 °	38.243709 °
				-121.696830 °	-121.696934 °
DWR ID	DWR_RD0536_02_s_2012_5				
Comment Code					
EQ : Equipment					
Inspector Comment					
Remove the equipment from the landside easement.					

Photo 1 of 1 : SP_2019_RD0536_209_5_20190311_00001.jpg



View of equipment on the landside toe.

LM Start	0.10	Rating **	C	Issue No.	8
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244120 °	38.234465 °
				-121.696967 °	-121.697995 °
DWR ID	DWR_RD0536_02_s_2018_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation relatively thick and greater than 1 foot.					

No Photos

LM Start	0.10	Rating **	C	Issue No.	9
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244119 °	38.234465 °
				-121.696967 °	-121.697995 °
DWR ID	DWR_RD0536_02_s_2018_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation relatively thick and greater than 1 foot.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	0.12	Rating **	U	Issue No.	7
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243804 °	38.214737 °
				-121.696941 °	-121.694040 °
DWR ID	DWR_RD0536_02_s_2019_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Maintain the annual vegetation.					

Photo 1 of 1 : SP_2019_RD0536_209_7_20190412_00020.jpg



View looking downstream at annual vegetation on the landside slope (Spring 2019).

LM Start	0.12	Rating **	U	Issue No.	16
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243803 °	38.214737 °
				-121.696942 °	-121.694040 °
DWR ID	DWR_RD0536_02_s_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Maintain the annual vegetation.					

Photo 1 of 1 : SP_2019_RD0536_209_16_20190412_00021.jpg



View looking downstream at annual vegetation on the waterside slope (Spring 2019).

LM Start	0.13	Rating **	M	Issue No.	10
LM End	0.13	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243703 °	38.243703 °
				-121.696992 °	-121.696992 °
DWR ID	DWR_RD0536_02_s_2017_10				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Remove the vegetation on the crown.					

Photo 1 of 1 : SP_2019_RD0536_209_10_20190311_00004.jpg



View looking upstream at vegetation on the crown (September 2018).

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	1.19	Rating **	U	Issue No.	17
LM End	1.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.228329 °	38.228329 °
				-121.697716 °	-121.697716 °
DWR ID	DWR_RD0536_02_s_2019_17				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_209_17_20190412_00022.jpg



View looking downstream at deep rut on the crown (Spring 2019).

LM Start	1.24	Rating **	U	Issue No.	18
LM End	1.24	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.227689 °	38.227689 °
				-121.697644 °	-121.697644 °
DWR ID	DWR_RD0536_02_s_2019_18				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_209_18_20190412_00023.jpg



View looking downstream at deep rut on the crown (Spring 2019).

LM Start	1.35	Rating **	U	Issue No.	19
LM End	1.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.226011 °	38.226011 °
				-121.697401 °	-121.697401 °
DWR ID	DWR_RD0536_02_s_2019_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_209_19_20190412_00024.jpg



View looking slightly downstream at deep rut on the crown (Spring 2019).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	1.47	Rating **	U	Issue No.	20
LM End	1.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.224413 °	38.224413 °
				-121.697100 °	-121.697100 °
DWR ID	DWR_RD0536_02_s_2019_20				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_209_20_20190412_00025.jpg



View looking slightly downstream at deep rut on the crown (Spring 2019).

LM Start	1.47	Rating **	M	Issue No.	27
LM End	1.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224423 °	38.224423 °
				-121.697049 °	-121.697049 °
DWR ID	22732				
Comment Code					
Inspector Comment					
FS_ID:20664 DS_ID:22732 EP_NO: 17829 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipeline under the levee, 44 feet below the crown. (Plans to install a 3.5-inch welded steel natural gas pipeline bored under the levee authorized under Permit No. 17829, 2004 - Towne Exploration Company). FS Date: 8/13/2013					

Photo 1 of 3 : UCIP_SP_2019_20664_34746.jpg



WS view: overview of levee slope and gasline indicator. The indicator is different than standard indicators.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	1.47	Rating **	M	Issue No.	27 (cont)	
LM End	1.47	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.224423 °	38.224423 °	
				-121.697049 °	-121.697049 °	
DWR ID	22732					
Comment Code						
Inspector Comment						
FS_ID:20664 DS_ID:22732 EP_NO: 17829 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector. FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipeline under the levee, 44 feet below the crown. (Plans to install a 3.5-inch welded steel natural gas pipeline bored under the levee authorized under Permit No. 17829, 2004 - Towne Exploration Company). FS Date: 8/13/2013						

LM Start	1.47	Rating **	M	Issue No.	27 (cont)
LM End	1.47	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_20664_34745.jpg



WS view: closer look at gasoline indicator. The indicator is different than standard indicators.

Photo 3 of 3 : UCIP_SP_2019_20664_34744.jpg



WS view: natural gas extraction plant near levee on the field.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	2.17	Rating **	U	Issue No.	13
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214453 °	38.208553 °
				-121.693932 °	-121.690903 °
DWR ID	DWR_RD0536_02_s_2018_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove vegetation on the waterside slope.					

Photo 1 of 1 : SP_2019_RD0536_209_13_20190311_00007.jpg



View looking slightly downstream at thick vegetation all the way up to the crown (September 2018).

LM Start	2.47	Rating **	U	Issue No.	21
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210443 °	38.197441 °
				-121.691972 °	-121.683680 °
DWR ID	DWR_RD0536_02_s_2019_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD0536_209_21_20190412_00026.jpg



View looking downstream at annual vegetation on the landside slope (Spring 2019).

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	2.50	Rating **	M	Issue No.	28
LM End	2.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210063 °	38.210063 °
				-121.691768 °	-121.691768 °
DWR ID	24025				
Comment Code					
Inspector Comment					
FS_ID:20647 DS_ID:24025 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new. FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe with vertical pump on the drainage ditch. No other details available. This crossing was field discovered. FS Date: 8/13/2013					

LM Start	2.50	Rating **	M	Issue No.	28 (cont)
LM End	2.50	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2019_20647_34731.jpg



WS view: overview of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

Photo 2 of 2 : UCIP_SP_2019_20647_34730.jpg



WS view: closer view of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	2.57	Rating **	M	Issue No.	22
LM End	2.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.209072 °	38.209072 °
				-121.691199 °	-121.691199 °
DWR ID	DWR_RD0536_02_s _ 2019_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	2.62	Rating **	M	Issue No.	23
LM End	3.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208471 °	38.197441 °
				-121.690852 °	-121.683680 °
DWR ID	DWR_RD0536_02_s _ 2019_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Maintain the annual vegetation.					

Photo 1 of 1 : SP_2019_RD0536_209_23_20190412_00027.jpg



View looking downstream at annual vegetation on the waterside slope (Spring 2019).

LM Start	2.72	Rating **	M	Issue No.	24
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.207107 °	38.207107 °
				-121.690011 °	-121.690011 °
DWR ID	DWR_RD0536_02_s _ 2019_24				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	3.90	Rating **	M	Issue No.	15
LM End	3.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.196752 °	38.196752 °
				-121.690995 °	-121.690995 °
DWR ID	DWR_RD0536_02_s_2019_15				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	4.14	Rating **	M	Issue No.	29	
LM End	4.14	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.195875 °	38.195875 °	
				-121.695177 °	-121.695177 °	
DWR ID	22731					
Comment Code						
Inspector Comment						
FS_ID:41845						
DS_ID:22731						
EP_NO: 1217						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair.						
FIELD_STRUCT_DESC: 8.625-inch natural gas pipeline of an unknown material through the levee, at an unknown depth. (Plans for installing an 8.625-inch natural gas pipeline crossing authorized under Permit No. 1217, 1947 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 8/13/2013						

Photo 1 of 2 : UCIP_SP_2019_41845_34765.jpg



WS view: gasline indicator across the channel.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	4.14	Rating **	M	Issue No.	29 (cont)	
LM End	4.14	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.195875 °	38.195875 °	
				-121.695177 °	-121.695177 °	
DWR ID	22731					
Comment Code						
Inspector Comment						
FS_ID:41845 DS_ID:22731 EP_NO: 1217 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Gasline needs markers on both slopes. Existing markers in disrepair. FIELD_STRUCT_DESC: 8.625-inch natural gas pipeline of an unknown material through the levee, at an unknown depth. (Plans for installing an 8.625-inch natural gas pipeline crossing authorized under Permit No. 1217, 1947 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013						

Photo 2 of 2 : UCIP_SP_2019_41845_34764.jpg



LS view: gasline indicator on levee toe.

LM Start	4.22	Rating **	M	Issue No.	25
LM End	4.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.195668 °	38.196367 °
				-121.696669 °	-121.698833 °
DWR ID	DWR_RD0536_02_s_2019_25				
Comment Code					
FE : Fence					
Inspector Comment					
There is a barbed wire fence at the landside toe.					

Photo 1 of 1 : SP_2019_RD0536_209_25_20190412_00028.jpg



View looking upstream at barbed wire fence at landside toe (Spring 2019).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	4.22	Rating **	M	Issue No.	26
LM End	4.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.195668 °	38.196367 °
				-121.696669 °	-121.698833 °
DWR ID	DWR_RD0536_02_s_2019_26				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located within 10 feet of the toe.					

Photo 1 of 1 : SP_2019_RD0536_209_26_20190412_00029.jpg



View looking upstream at ditch on the landside toe (Spring 2019).

LM Start	4.36	Rating **	M	Issue No.	30
LM End	4.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196429 °	38.196429 °
				-121.698962 °	-121.698962 °
DWR ID	22735				
Comment Code					
Inspector Comment					
FS_ID:46813 DS_ID:22735 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing. FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, at an unknown depth. Steel standpipe on each side of the levee. Temporary canvas about 2 inches below the crown. Per 2015 Inspection Report provided by Herman Phillips, a diesel motor was found on the waterside (WS), and the owner is Mr. Page Baldwin. This crossing was field discovered. FS Date: 8/13/2013					

Photo 1 of 3 : UCIP_SP_2019_46813_34768.jpg



WS view: steel standpipe on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2019 04/11/2019	David Julian

LM Start	4.36	Rating **	M	Issue No.	30 (cont)	
LM End	4.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.196429 °		38.196429 °
				-121.698962 °		-121.698962 °
DWR ID	22735					
Comment Code						
Inspector Comment						
FS_ID:46813 DS_ID:22735 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend owner contact CVFPB to provide updated owner info and obtain necessary permit for this crossing. FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, at an unknown depth. Steel standpipe on each side of the levee. Temporary canvas about 2 inches below the crown. Per 2015 Inspection Report provided by Herman Phillips, a diesel motor was found on the waterside (WS), and the owner is Mr. Page Baldwin. This crossing was field discovered. FS Date: 8/13/2013						

LM Start	4.36	Rating **	M	Issue No.	30 (cont)
LM End	4.36	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_46813_34767.jpg



LS view: steel standpipe on levee slope.

Photo 3 of 3 : UCIP_SP_2019_46813_34766.jpg



WS view: steel pipe on levee shoulder at 2-inch below the crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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